IN THE CLAIMS

For the convenience of the Examiner all pending claims of the present Application are shown below whether an amendment has been made or not. Claims 1, 11, 21, 31, 40, and 43 are amended. Claims 2-3, 12-13, 24-25, 32-33, and 44-45 are cancelled. New Claims 50-54 are added. Applicants submit that the amendments to the claims and the addition of new claims do not add new matter to the application. Please amend the claims as follows:

1. **(Currently Amended)** A method for enabling a multicast telecommunication session, comprising:

generating a virtual multicast intermediary;

receiving multicast media streaming sent to a multicast group address <u>from a plurality of multicast telephony devices</u> at ~~a the~~ virtual multicast intermediary;

<u>sorting the multicast media streaming sent to the multicast group address into individual streams based on the telephony devices that originated each stream;</u>

communicating the <u>sorted</u> media streaming to a unicast telephony device to enable the unicast telephony device to participate in a multicast telecommunication session<u>; and</u>

<u>indicating to the unicast telephony device that the individual media streams of the sorted media streaming originated from different telephony devices.</u>

2. (Cancelled)

3. (Cancelled)

4.   **(Original)**   The method of Claim 1, further comprising:

receiving unicast media streaming from the unicast telephony device at the multicast intermediary; and

communicating the media streaming to the multicast group address.

5.   **(Original)**   The method of Claim 1, further comprising: *For uni to Partizipat*

associating a first logical port of the multicast intermediary with the unicast telephony device;

receiving multicast media streaming from the multicast group address at the first logical port;

modifying source address information in the received multicast media streaming to specify a second logical port of the multicast intermediary associated with the multicast group address; and

communicating the media streaming with the modified source address information to the unicast telephony device.

6.   **(Original)**   The method of Claim 5, wherein associating a second logical port of the multicast intermediary with the unicast telephony device comprises associating a User Datagram Protocol (UDP) logical port to enable the streaming of Internet Protocol (IP) packets.

7.   **(Original)**   The method of Claim 6, wherein modifying source address information in the received media streaming comprises modifying a source IP address and port information in a header of an IP packet.

8.   **(Previously Presented)**   The method of Claim 1, further comprising:

receiving a call initiation request indicating a desire to create a communication link between a multicast telephony device and a unicast telephony device; and

determining that the unicast telephony device is incapable of receiving multicast media streaming;

wherein the multicast intermediary is generated in response to determining that the unicast telephony device is incapable of receiving multicast media streaming.

9. **(Original)** The method of Claim 1, wherein receiving multicast media streaming sent to a multicast group address comprises receiving multicast media streaming from one or more multicast telephony devices participating in a conference call with the unicast device.

10. **(Previously Presented)** The method of Claim 1, wherein receiving multicast media streaming sent to a multicast group address comprises receiving multicast media directed to the unicast telephony device when the unicast telephony device is placed on hold.

11.   **(Currently Amended)**   A communication network, comprising:

a unicast telephony device;

a plurality of multicast telephony devices operable to receive multicast media streaming transmitted to a multicast group address; and

a virtual multicast intermediary operable to:

receive multicast media streaming sent to the multicast group address <u>from the plurality of multicast telephony devices</u>; ~~and~~

<u>sort the multicast media streaming transmitted to the multicast group address into individual streams based on the telephony devices that originated each stream;</u>

communicate the <u>sorted</u> media streaming to the unicast telephony device to enable the unicast telephony device to participate in the multicast communication with the multicast telephony devices; <u>and</u>

<u>indicate to the unicast telephony device that the individual media streams of the sorted media streaming originated from different telephony devices;</u>

wherein the virtual multicast intermediary is generated in response to a determination that the unicast telephony device is incapable of receiving multicast media streaming.

12.   **(Cancelled)**

13.   **(Cancelled)**

14.   **(Original)**   The communication network of Claim 11, wherein the multicast intermediary is further operable to receive unicast media streaming from the unicast telephony device and to communicate the media streaming to the multicast group address.

15.   **(Previously Presented)**   The communication network of Claim 11, further comprising a call manager operable to:

determine that the unicast telephony device is incapable of receiving multicast media streaming; and

generate the multicast intermediary in response to determining that the unicast telephony device is incapable of receiving multicast media streaming.

16. **(Original)** The communication network of Claim 11, wherein the multicast intermediary comprises a logical device implemented using software executed on one or more devices coupled to the communication network.

17. **(Original)** The communication network of Claim 11, wherein the unicast telephony device and the multicast telephony devices comprise Internet Protocol (IP) telephony devices.

18. **(Original)** The communication network of Claim 11, wherein the multicast media streaming comprises Real-Time Transport Protocol (RTP) media streaming.

19. **(Original)** The communication network of Claim 11, wherein the multicast media streaming comprises media transmitted in a conference call between the unicast telephony device and the multicast telephony devices.

20. **(Original)** The communication network of Claim 11, wherein the multicast media streaming comprises multicast media streaming transmitted to the unicast telephony device when the unicast telephony device is placed on hold.

21.   **(Currently Amended)**   A communication network, comprising:

a first unicast telephony device;

a second unicast telephony device;

a plurality of multicast telephony devices operable to receive multicast media streaming transmitted to a multicast group address;

a first virtual multicast intermediary operable to:

receive multicast media streaming sent to the multicast group address <u>from the plurality of multicast telephony devices</u>; ~~and~~

<u>sort the multicast media streaming transmitted to the multicast group address into individual streams based on the telephony devices that originated each stream;</u>

communicate the <u>sorted</u> media streaming to the first unicast telephony device to enable the unicast telephony device to participate in the multicast communication with the multicast telephony devices; <u>and</u>

<u>indicate to the first unicast telephony device that the individual media streams of the sorted media streaming originated from different telephony devices; and</u>

a second virtual multicast intermediary operable to:

receive multicast media streaming sent to the multicast group address <u>from the plurality of multicast telephony devices</u>; ~~and~~

<u>sort the multicast media streaming transmitted to the multicast group address into individual streams based on the telephony devices that originated each stream;</u>

communicate the <u>sorted</u> media streaming to the second unicast telephony device to enable the unicast telephony device to participate in the multicast communication with the multicast telephony devices; <u>and</u>

<u>indicate to the second unicast telephony device that the individual media streams of the sorted media streaming originated from different telephony devices; and</u>

wherein the first and second virtual multicast intermediaries are generated in response to a determination that the first and second unicast telephony devices are incapable of receiving multicast media streaming.

22.   **(Original)**   The communication network of Claim 21, wherein:

the first multicast intermediary is further operable to receive unicast media streaming from the first unicast telephony device and to communicate the media streaming to the multicast group address; and

the second multicast intermediary is further operable to receive unicast media streaming from the second unicast telephony device and to communicate the media streaming to the multicast group address.

23.   **(Previously Presented)**   The communication network of Claim 21, further comprising a call manager operable to:

determine that the first and second unicast telephony devices are incapable of receiving multicast media streaming; and

generate the first and second multicast intermediaries in response to determining that the first and second unicast telephony devices are incapable of receiving multicast media streaming.

24.   **(Cancelled)**

25.   **(Cancelled)**

26.   **(Original)**   The communication network of Claim 21, wherein the first and second multicast intermediaries each comprise a logical device implemented using software executed on one or more devices coupled to the communication network.

27.   **(Original)**   The communication network of Claim 21, wherein the first and second unicast telephony devices and the multicast telephony devices comprise Internet Protocol (IP) telephony devices.

28.   **(Original)**   The communication network of Claim 21, wherein the multicast media streaming comprises Real-Time Transport Protocol (RTP) media streaming.

29.   **(Original)**   The communication network of Claim 21, wherein the multicast media streaming comprises media transmitted in a conference call between the first and second unicast telephony devices and the plurality of multicast telephony devices.

30. **(Original)** The communication network of Claim 21, wherein the multicast media streaming comprises multicast media streaming transmitted to at least one of the first and second unicast telephony devices when at least one of the first and second unicast telephony devices is placed on hold.

31.   **(Currently Amended)**   Virtual multicast intermediary software embodied in a computer-readable medium and operable to perform the following steps:

receiving multicast media streaming sent to a multicast group address <u>from a plurality of multicast telephony devices</u>; and

<u>sort the multicast media streaming transmitted to the multicast group address into individual streams based on the telephony devices that originated each stream;</u>

communicating the <u>sorted</u> media streaming to a unicast telephony device to enable the unicast telephony device to participate in a multicast telecommunication session; <u>and</u>

<u>indicate to the unicast telephony device that the individual media streams of the sorted media streaming originated from different telephony devices;</u>

the virtual multicast intermediary software executable in response to a determination that the unicast telephony device is incapable of receiving multicast media streaming.

32.   **(Cancelled)**

33.   **(Cancelled)**

34.   **(Original)**   The multicast intermediary software of Claim 31, further operable to perform the following steps:

receiving unicast media streaming from the unicast telephony device; and

communicating the media streaming to the multicast group address.

35.   **(Original)**   The multicast intermediary software of Claim 31, further operable to perform the following steps:

associating a first logical port with the unicast telephony device;

receiving multicast media streaming from the multicast group address at the first logical port;

modifying source address information in the received multicast media streaming to specify a second logical port associated with the multicast group address; and

communicating the media streaming with the modified source address information to the unicast telephony device.

36.   **(Original)**   The multicast intermediary software of Claim 35, wherein associating a first logical port with the unicast telephony device comprises associating a User Datagram Protocol (UDP) logical port to enable the streaming of Internet Protocol (IP) packets.

37.   **(Original)**   The multicast intermediary software of Claim 36, wherein modifying source address information in the received media streaming comprises modifying a source IP address and port information in a header of an IP packet.

38.   **(Original)**   The multicast intermediary software of Claim 31, wherein receiving multicast media streaming sent to a multicast group address comprises receiving multicast media streaming from one or more multicast telephony devices participating in a conference call with the unicast device.

39.   **(Previously Presented)**   The multicast intermediary software of Claim 31, wherein receiving multicast media streaming sent to a multicast group address comprises receiving multicast media directed to the unicast telephony device when the unicast telephony device is placed on hold.

40.   **(Currently Amended)**   A communication network, comprising:

a plurality of multicast telephony devices operable to receive multicast media streaming transmitted to a multicast group address; ~~and~~

a call manager operable to establish a communication session with one or more of the multicast telephony devices; and

a virtual multicast intermediary operable to:

receive multicast media streaming transmitted to the multicast group address from the plurality of multicast telephony devices;

sort the multicast media streaming transmitted to the multicast group address into individual streams based on the telephony devices that originated each stream;

communicate the sorted media streaming to a unicast telephony device to enable the unicast telephony device to participate in a multicast communication with the multicast telephony devices; and

indicate to the unicast telephony device that the individual media streams of the sorted media streaming originated from different telephony devices;

wherein the virtual multicast intermediary is generated in response to a determination that the unicast telephony device is incapable of receiving multicast media streaming.

41.   **(Original)**   The communication network of Claim 40, wherein the call manager is further operable to establish a communication session between the multicast telephony devices, such that each multicast telephony device receives and sums multicast media streaming from the other multicast telephony devices.

42.   **(Original)**   The communication network of Claim 40, wherein the call manager is further operable to transmit multicast media streaming to a multicast telephony device when the multicast telephony device is placed on hold.

43.   **(Currently Amended)**   A   virtual   multicast   intermediary   comprising   a communication module operable to:

receive multicast media streaming from a multicast group address <u>from a plurality of</u> <u>multicast telephony devices;</u>~~, and further operable to~~

<u>sort the multicast media streaming into individual streams based on the telephony</u> <u>devices that originated each stream;</u>

communicate the <u>sorted</u> media streaming to a unicast telephony device to enable the unicast telephony device to participate in the multicast communication with multicast telephony devices<u>; and</u>

<u>indicate to the unicast telephony device that the individual media streams of the sorted</u> <u>media streaming originated from different telephony devices;</u>

wherein the virtual multicast intermediary is generated in response to a determination that the unicast telephony device is incapable of receiving multicast media streaming.

44.   **(Cancelled)**

45.   **(Cancelled)**

46.   **(Original)**   The multicast intermediary of Claim 43, further comprising:

a first logical port associated with the unicast telephony device;

a second logical port associated with the multicast group address; and

an address translation module operable to receive multicast media streaming from the multicast group address at the first logical port, and further operable to modify source address information in the received multicast media streaming to specify the second logical port associated with the multicast group address.

47.   **(Original)**   The   multicast   intermediary   of   Claim   46,   wherein   the communication module is operable to communicate the media streaming with the modified source address information to the unicast telephony device.

48.   **(Original)**   The multicast intermediary of Claim 46, wherein the first and second logical ports are User Datagram Protocol (UDP) logical ports.

49.   **(Original)**   The multicast intermediary of Claim 46, wherein the address translation module is further operable to modify a source IP address and port information in a header of an IP packet.

50. **(New)** The method of Claim 1, wherein indicating to the unicast telephony device that the individual media streams originated from different telephony devices comprises indicating a different logical port of the multicast intermediary as the source address of packets comprising each of the individual media streams.

51. **(New)** The communication network of Claim 11, wherein the virtual multicast intermediary is further operable to indicate a different logical port of the multicast intermediary as the source address of packets comprising each of the individual media streams.

52. **(New)** The communication network of Claim 21, wherein the first and second virtual multicast intermediaries are each further operable to indicate a different logical port of the first and second multicast intermediaries as the source address of packets comprising each of the individual media streams.

53. **(New)** The virtual multicast intermediary software of Claim 31, wherein the software is further operable to perform the step of indicating a different logical port of the multicast intermediary as the source address of packets comprising each of the individual media streams.

54. **(New)** The virtual multicast intermediary of Claim 43, wherein the communication module is further operable to indicate a different logical port of the multicast intermediary as the source address of packets comprising each of the individual media streams.